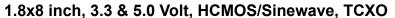
XO3080 Series





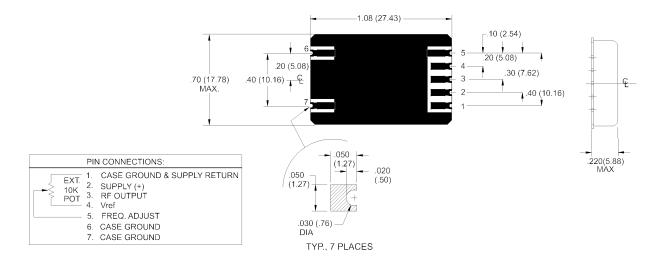
- All output types
- VCXO version available

Model	Frequency	Temperature	Temperature	Aging	Output	Supply
XO3080	(MHz)	Range (°C)	Stability	First Year		Voltage
XO3080	20	-30 to +70	±0.75 ppm	±1.0 ppm	Sine	5 V ±0.25 V
Options	10 to 125	See Table		Frequency Dependent	HCMOS	+3.3 V or +15 V

Additional Specifications			
·	12.0 nnm may		
Aging over ten years	±3.0 ppm max		
Current			
Sinewave	As low as 2 mA		
HCMOS	As low as 4 mA		
Frequency Adjust			
Method	External 10 k Pot/voltage		
Range	±5 ppm		
Ŭ	• • • • • • • • • • • • • • • • • • • •		
Sinewave			
Level	0 dBm or 2.0 V _{□-□}		
	r r		
Load	50 Ω or 1 k Ω //10 pF		
HOMOS			
HCMOS	40/00		
Duty Cycle	40/60		
Load	2 Gates		
Phase Noise @ 20 MHz			
10 Hz	-85 dBc/Hz		
100 kHz	-115 dBc/Hz		
1 kHz	-135 dBc/Hz		
10 kHz	-145 dBc/Hz		

Optional Temperature Frequency/Temperature Stability (ppm)								
Range °(C)	±1	±0.75	±0.50	±0.25				
+15 to +30	V	√	√	√				
0 to +50	√	√	√	√				
0 to +70	√	√	√					
-20 to +70	√	√	√					
-40 to +75	√	√						
-55 to +85	√							

This TCXO can be produced to these specifications, with extended temperature range and tighter stability being cost drivers.



MtronPTI reserves the right to make changes to the product(s) and service(s) described herein without notice. No liability is assumed as a result of their use or application.